

PMC

RUDRAPRASAD CONSULTANTS

Structural Engineers, Architects &
Project Management Consultants



To,

Date: 25-08-2020

ASSISTANT EXECUTIVE ENGINEER
KODIGEHALI SUB DIVISION,
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **IMPROVEMENTS TO ROADS AND DRAINS OF MOTHER TERESA ROAD MARIYANNAPALYA IN WARD NO.7 BYATARAYANAPURA.**

Ref: 1. Work Order No: BBMP/EE/BTP/WO/ 148 /2019-20
2. Job code: 007-20-000003

We are here with forwarding to Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010. First & Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 74,28,744.77/- (Rs. Seventy Four Lakhs Twenty Eight Thousand Seven Hundred Forty Four and Seventy Seven Paise Only).

Thanking you,

Yours faithfully,

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS



By Mr. N.D. DE (M)

Attachments PMC Compliance report

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NAME OF WORK:-Improvements to Roads and Drains of Mother Teresa Road Mariyannapalya in Ward No.7 Byatarayanapura.

Name of Client : EXECUTIVE ENGINEER, BYATARAYANAPURA DIVISION, BBMP, BANGALORE

Contractor/ Agency: Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore- 560010

Tender Contract Price Rs 74,28,744.77/-

Date Of Inspection : 25-08-20

Status Of Bill : First & Final Bill

In the Presence of :
a) Assistant Engineer, Ward No 7 Kodigehalli Sub division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	Description of work	Comments/Observations
1	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
2	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory



#3, 7th Main Malleswaram, Bangalore – 560003

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3	Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications and direction of site engineer in charge.(which includes cost of gravel / murum, watering charges & compaction by vibratory roller)	Work done upto the Billed Quantity and the Quality is satisfactory
4	Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specifications and direction and direction of site engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete but excluding cost of reinforcement as per specifications and direction of site engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
6	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and direction of site engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory



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7	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick well compacted cost of all materials labour curing ,complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory
9	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavements using grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregate at 0.46 cum, coarse and fine aggregate confirming to IS:383-2016, with superplasticiser @3lts confirming to IS9103-2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades textured machine, and curing including cost of all materials, labour, hire charges of machineries, all lead and lift charges etc..- M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory



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10	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibratory, power floater, blade and disc etc., with all leads and lift. Complete as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
11	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip, complete as per specifications and direction of site engineer in incharge	Work done upto the Billed Quantity and the Quality is satisfactory

